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- (71) Applicant (for all designated States except US): LANFRANCHI, S.R.L. [IT/IT]; Via Scodoncello, 41/E, I-43044 Collecchio (IT).
- (72) Inventor; and
- (75) Inventor/Applicant (for US only): LANFRANCHI, Lino [IT/IT]; Via Caduti del Lavoro, 35, I-43044 Collecchio (IT).
- (74) Agent: GUARESCHI, Antonella; Studio ing. Fabrizio Dallaglio, Viale Mentana, 92, I-43100 Parma (IT).

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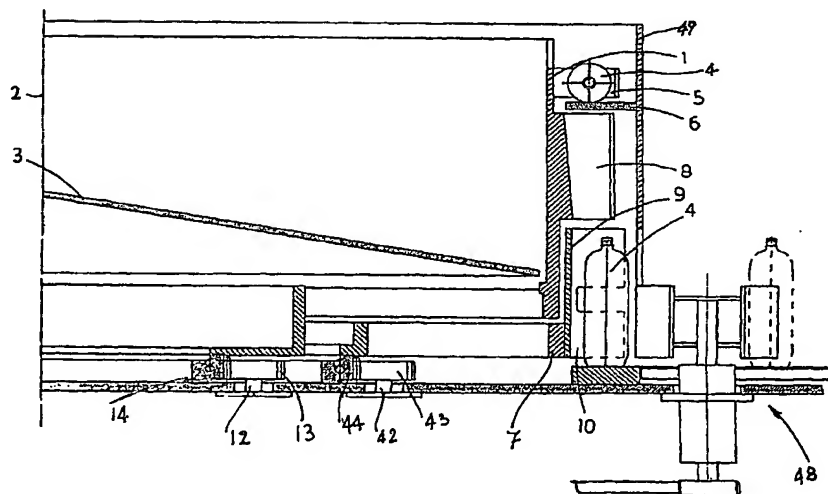
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[Continued on next page]

(54) Title: MACHINE FOR ORIENTING, STRAIGHTENING AND ALIGNING PLASTIC VESSELS OR BOTTLES



(57) Abstract: The invention refers to the field of machines for orienting, straightening and aligning plastic vessels such as bottles, and in particular the invention refers to those types of machines that provide for a hopper for randomly loading the bottles that are composed of a cylindrical rotating wall (1) carrying on its external face a plurality of cradles (5) with below-placed discharging channels (8) that are substantially funnel-shaped and a carousel (7) carrying a plurality of separators (9) composing vertical channels the speed of the separators-carrying carousel (7) with respect to the speed of the cylindrical rotating wall (1). A mechanical phase change gear (37) is further provided for changing the angular position of the separators-carrying carousel with respect to the cylindrical rotating wall.



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